WHAT IS CLAIMED IS:

1. A plant comprising a recombinant expression cassette, the expression cassette comprising a promoter and a nucleic acid sequence encoding an inhibitor of a farnesyltransferase.

2. A plant of claim 1, wherein said promoter is a promoter preferentially expressed in guard cells.

3. A plant of claim 1, wherein said inhibitor is a protein.

4. A seed containing a nucleic acid construct of claim 1.

5. A cell or tissue culture containing a nucleic acid construct of claim 1.

6. A plant regenerated from a cell or tissue culture of claim 5.

7. A method of inhibiting farnesyltransferase in a plant, comprising introducing into a plant a recombinant expression cassette comprising a promoter operably linked to a nucleic acid encoding an inhibitor of farnesyltransferase, whereby the inhibitor is expressed in said plant.

8. A method of claim 7, wherein the promoter is specific for expression in guard cells.

9. A method of claim 7, wherein the inhibitor is an inhibitor of the farnesyltransferase alpha-subunit.

10. A method of claim 7, wherein the inhibitor is an inhibitor of the farnesyltransferase beta-subunit.

11. A method of claim 7, wherein said inhibitor is a protein.

12. A method of claim 7, wherein the recombinant expression cassette is introduced into the plant by *Agrobacterium*.

13. A method of claim 7, wherein the recombinant expression cassette is introduced into the plant by contacting the plant with nucleic acid coated- or containing- microparticles.

14. A method of claim 7, wherein the recombinant expression cassette is introduced into the plant by sexual cross.

15. A method of inhibiting farnesyltransferase in a plant, comprising introducing into a plant an isolated nucleic acid complementary to at least 30 nucleotides of a nucleic acid sequence encoding farnesyltransferase, thereby interfering with the expression of farnesyltransferase.

16. A method of claim 15, wherein the isolated nucleic acid is complementary to an alpha-subunit of farnesyltransferase.

17. A method of claim 15, wherein the isolated nucleic acid is complementary to a beta-subunit of farnesyltransferase.

18. A method of inhibiting farnesyltransferase in a plant, comprising contacting the plant with an inhibitor of farnesyltransferase, whereby the inhibitor inhibits farnesyltransferase in the plant.

19. The method of claim 18, wherein irrigation water comprising the inhibitor contacts the plant.

20. The method of claim 18, wherein the inhibitor contacts the plant through foliar application.

21. The method of claim 18, wherein the inhibitor is manumycin.

22. The method of claim 18, wherein the inhibitor is α-hydoxyfarnesylphosphonic acid.

23 A method of producing a plant with reduced farnesyltransferase activity, comprising mutating a promoter region of a nucleic acid sequence encoding farnesyltransferase and selecting mutants with reduced expression of farnesyltransferase.

24 A composition comprising an inhibitor of farnesyltransferase and a member of the group selected from a pesticide and a fertilizer.